

Amendments to the Specification:

Please amend the paragraph beginning on page 9, line 29 as follows:

However, in second preferred embodiment, see figure 2, it is possible to lead the liquid-free gas sample from the water trap 4 directly to the oxygen gas measuring unit 14, preferably from connection device 28 via a short tube to connection device 34. After the measurement, the liquid-free gas sample is transported from the oxygen gas measuring unit 14 via connection device 36 and the third tube 18, which tube leads the liquid-free gas sample to the analysing unit. From the analysing unit, the liquid-free gas sample is after measurement of the other desired gas components, led to the pump and for instance out in the open air or to another place, see discussion above. In this second preferred embodiment, said fourth tube 20 between the pump and the water trap 4 is provided as described above in the preferred embodiment and the information about the oxygen gas content in the liquid-free gas sample is transferred to the analysing unit by any of the ways described above.